PATENT COOPERATION TREATY

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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference SALPOIWO	FOR FURTHER ACTION	so as well as, w	e Form PCT/ISA/220 nre applicable, stem 5 below
International application No. PCT/US04/23167	International filing date (de 01 July 2004 (01.07.2004)	y/month/year)	(Earliest) Priority Date (day/month/year) 08 July 2003 (08.07.2003)
Applicant SUPERSONIC AEROSPACE INTERNATI	IONAL, LLC		
This international search report has been according to Article 18. A copy is being	prepared by this Internation transmitted to the Internation	al Searching A nal Bureau	uthority and is umsmitted to the applicant
This international search report consists of	of a total of sheets. by a copy of each prior art	Accument cites	in this report
1 Rosis of the Hanget			asis of the international application in the
language in which it was filed, us The international	nless otherwise indicated un- search was carried out on th	der this item.	elation of the international application
b. With regard to any nucleotic		1	n the internutional application, see Box No. I.
Certain claims were found Vinity of invention is lacking.		. n)	
4. With regard to the title, the text is approved as subm		2.0	
the text has been established	I by this Authority to read as	IoHows:	
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5. With regard to the abstract. the text is approved as subm	itted by the anolicant.		
the text has been estublished	L according to Rule 38.2(b),	by this Authori itemational sea	as it appears in Box No. IV. The applicant the report, submit comments to this Authority.
 With regard to the drawings, the figure of the drawings to be j 	published with the obstract i	s Figure No. 14	
as suggested by the	applicant. Lutherity, bocause the applic	unt fhiled to su	gest u figure.
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INTERNATIONAL	PCT/US04/23167		
	de la deine mana finned meagrabah	(Continuation of item 2 of first sheet)	
Bux No. II Observations where co	rtain Claims were round unscure us	(as Article 17(2)(a) (or the following reasons:	
This international search report has not been	ter Article 17(2)(a) for the following reasons:		
Claims Nos.: because they relate to subject	matter not required to be searched by this	uthority, namely:	
2. Claims Nos.: hecause they relate to parts of an extent that no meaningful	The international application that do not e international search can be carried out, spe	mply with the prescribed requirements to such ifically;	
3. Claims Nos.; because they are dependent of	laims and are not dralled in accordance Wi	the second and third sentences of Rule 6.4(a).	
Box No. III Observations where un	sity of invention is lacking (Continua	on of item 3 of first sheet)	
This International Sourching Authority fran Please See Continuation Sheet	d multiple inventions in this international :	pplication, as follows:	
searchablo claims.	uch fees were timely puid by the applicant		
2. As all searchable claims coul payment of any additional fee	d be searched without effort justifying an e	ditional fee, this Authority did not mytte	
3. As only some of the required covers only those claims for a	additional search fees were timely paid by which fees were paid, specifically claims h		
No required additional search restricted to the invention fire	n fees were timely paid by the applicant. (st mentioned in the claims; it is covered by	ensequently, this international search report is claims Nos.:	
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	INTERNATIONAL SEARCH REPORT	1 I	IRH	ational application No. JS04/23167
	BOX III. OBSERVATIONS WHERE UNITY OF INVENTION IS LACKI This application exitains the following inventions or groups of inventions which are concept under PCT Rule 13.1. In order for all inventions to be examined, the appro- Group II. claim(s) 1-17, drawn to account the latest to a single general inventions to be examined. The inventions is the desired as Group II. claim(s) 45-60, drawn to user interface utilizing exclusive and community. Group III. claim(s) 45-60, drawn to user interface utilizing exclusive and community. Group III. claim(s) 61-67, drawn to electring a camera housing using a cleaning me The inventions tisted as Groups I, II, III, and IV do not relate to a single general incept Rule 13.2, they tack the same or corresponding special technical features for it There is no special technical feature which unifies all the inventions. In pacticular as a whole over the prior art where each invent deals with accustic levels based on the current operation conditions for na transforming sensor viewpoints and fields of view to view scenery outside the about of a contribution over the prior art. Group III deals with a plura common user interface and common display area and deal with the custon information. Group II and Group I both teach of displaying operation infor thister a contribution over the prior art. Group III does not share with outside the alreraft using a plurality of cameras. Group II does not share with outside the alreraft using a plurality of cameras. Group II does not share with outside the alreraft using a plurality of cameras. Group II does not share with outside the alreraft using a plurality of cameras. Group II does not share with outside the alreraft using a plurality of cameras. Group II does not share with outside the alreraft using a plurality of cameras. Group II does not share with outside the alreraft using a plurality of cameras. Group II does not share with outside the alreraft using a plurality of cameras. Group II does not share with outside the alreraft using a plurality	NG and operation of an invention of an inventi		linked us to form a single general inventive additional examination fees must be paid. displays. there is no common contribution which responds to the claim groups, Group I and flying aircraft. Group II deals with reraft. There is no special technical mutually exedusion windows and a of this interface for displaying operational in an alimplace interface however this is II the contribution and displaying a camera housing, navigation and displaying acoustic data is outside an aircraft for navigation
; .	Continuation of B. FIEUDS SEARCHED Item 1: 345/629, 419, 632, 633, 952, 427, 428; 434/30, 35, 36, 38, 41; 340/948, 951, 952, 381/59, 94.1, 94.9, 318/443	953,	35×	4, 963, 965; 703/3, 13: 244/1N, 174, 175:

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/23167

Box IV TEXT OF THE ABSTRACT (Continuation of Item 5 of the first sheet)

The technical features mentioned in the abstract do not include a reference sign between parentheses (PCT Rule 8.1(d)).

The abstract is too long (PCT Rule 8. I(b)). The abstract must be less than 150 words, or 200 words when no figure is to be published

A display system for a operating a device receives images from sensors (110) that represent scenery outside the device and is configured to detect moving objects in sensor images, as well as firse (222) the images of a single viewpoint (224). The display system generates a plurality of mutually exclusive windows (120, 122, 124) which include a common user interface and display area (706, 714, 718). The system receives information regarding current light conditions of the device such as an aircraft and determines the acoustic level of the sonic boom and/or other noise generated. The current acoustic level is compared to a desired level (904), and various cues are displayed (928) to operators regarding corrective actions to the accust a level. A cleaning mechanism (1224) removes obstructions from a transparent aperture on a housing (1212) enclosing the sensors.

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INTERNATIONAL SEARCH REPORT			International application No. PCT/US04/23167	
IPC(7) US CL According to	SIFICATION OF SUBJECT MATTER : G09G 5/00 : 345/629, 427 International Patent Classification (IPC) or to both out	ional classification	and IPC	
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Minimum do U.S. · Ple	cumentation scarched (classification system followed bease Sec Continuation Sheet	y chasification syr	ibols)	
Documentation	on searched other than minimum documentation to the	extent that such do	nwents are jucynded j	n the fields searched
Electronic du EAST, US-Po	is base consulted during the international search (name OPUB, USPAT, USOCR, EPO, JPO, DERWENT, IBN	e al data base and, 1 TDB, ACM, IEE	where practicable, scar	rch terms used)
C. DOC	JMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where ar	propriete, of the re	evant passages	Relevant to claim No.
X	US 4,887.298 A (Haigler) 12 Dec 1989, col 3, lines	12-64, figure 2, pic	12	1, 5-9, 12-15
×	GUELL, JEFF; "FULLO (FLying Infrared for Low-lev System", presented April 2000 at SPIE AeroSense Co	hmiced Vision Florida; tigs 1, 5,	18, 23, 24, 27-38, 40, 41	
Y	NASA facts online, http://oeu.furc.nasa.gov/PAIS/HSR-Cockpit.html, 1			19-22, 25, 26, 39, 42- 19-22, 25, 26
X Y	Col 3, lines 38-39, Col 4, lines 22-24, 32-36, Col 5, lines 30-35			18-30
X A	US 6,405.975 B1 (Sankrithi et al) 18 June 2002, Fig lines 25-26, col 9, lines 5-6, 23-30 118 2001/0048763 A1 (Takatsuka et al) 6 Dec 2001	s 6, 11 and 12. Co	2 lines 10-12, col 5,	61-63, 65-69
	. I	See nat	ant family annex.	
Further descripents are listed in the continuation of Box C. Special sategories of stad decoments "A" document defining the general state of the art which is not considered to be m"			1	emetional filing date or priority estum but caled to understand the entum
"A" document deliving the general state of the art which is not communicated to the particular relevance. "H" carbor application or putent published on or allow the international filing data.		مارت اللوصية ومسابلور مارت اللوصية	of particular relevance: the navel or expand he count locusted a taken alone	clained investion and avertine step
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Date of the actual completion of the international search		Date of mailings	The international 2005	A
01 September 2005 (0) .09.2005)		Authorized office	<u> </u>	- -
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